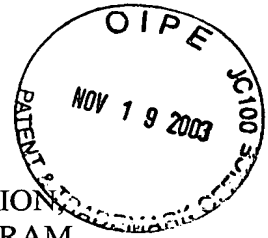


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant: Hitoshi OTANI et al.

Title: DEVICE AND METHOD OF MEASURING DATA FOR CALIBRATION
PROGRAM FOR MEASURING DATA FOR CALIBRATION, PROGRAM
RECORDING MEDIUM READABLE WITH COMPUTER, AND IMAGE
DATA PROCESSING DEVICE

Appl. No.: 10/612,404

Filing Date: 07/03/2003

Examiner: Unassigned

Art Unit: 2877

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Mail Stop PATENT APPLICATION
Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

RELEVANCE OF EACH DOCUMENT

The foregoing documents came to Applicants' attention during a search of the corresponding European application. A copy of the European Search Report setting forth the portion of each reference considered relevant by the examiner is attached.

An English translation of the foreign-language document is not readily available. However, the absence of such translation does not relieve the PTO from its duty to consider the submitted foreign language document (37 CFR §1.98 and MPEP §609). An English language abstract is provided herewith.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date NOV 19 2003

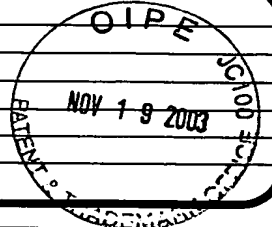
By 

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Attorney for Applicant
Registration No. 25,479

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: November 19, 2003 (use as many sheets as necessary)				Complete if Known	
				Application Number	10/612,404
				Filing Date	07/03/2003
				First Named Inventor	Hitoshi OTANI
				Group Art Unit	2877
				Examiner Name	Unassigned
				Attorney Docket Number	035924-0109
Sheet	1	of	1		



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	A1	DE	195 36 297	A1	DAIMLER BENZ AG	04/03/1997		Abstract

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A2	R.G. Willson, "Modeling and Calibration of Automated Zoom Lenses", Ph.D Dissertation, The Robotics Institute, Carnegie Mellon University, January 1994, pages 1-171.	
	A3	J. Cardillo et al., "3-D Position Sensing Using a Passive Monocular Vision System", IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 13, No. 8, August 1, 1991, pages 809-813.	
	A4	K. Tarabanis et al., "Modeling of a Computer-Controlled Zoom Lens", Proceedings of the International Conference on Robotics and Automation", IEEE Comp. Soc. Press, Vol. 3, Conf. 3., May 12-14, 1992, pages 1545-1551.	
	A5	Shen-Wen Shih et al., "Calibration of an Active Binocular Head", IEEE Transactions on Systems, Man and Cybernetics - Part A: Systems and Humans, Vol. 28, No. 4, July 1, 1998, pages 426-442.	
	A6	R. Hartley, "Self-Calibration from Multiple Views with a Rotating Camera", Proceedings of Third European Conference on Computer Vision, Vol. 1, 1994, pages 471-478.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.